

## EAST Search History

## EAST Search History (Prior Art)

| Ref # | Hits | Search Query  | DBs   | Default Operator | Plurals | Time Stamp          |
|-------|------|---|---|------------------|---------|---------------------|
| L1    | 72   | "3354084" "5190110"<br>"5849210"  | US-PGPUB;<br>USPAT; FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR               | ON      | 2009/10/15<br>08:51 |
| L2    | 3    | (US-5849210-\$ or US-<br>5190110-\$ or US-3354084-<br>\$).did.                | USPAT   | OR               | OFF     | 2009/10/15<br>08:51 |
| L3    | 49   | "2810716"   | USPAT   | OR               | OFF     | 2009/10/15<br>08:51 |
| L4    | 0    | "2002189492"  | US-PGPUB;<br>USPAT  | OR               | OFF     | 2009/10/15<br>08:51 |
| L5    | 0    | 2002/189492   | US-PGPUB;<br>USPAT  | OR               | OFF     | 2009/10/15<br>08:51 |
| L6    | 0    | "2002/189492"   | US-PGPUB;<br>USPAT  | OR               | OFF     | 2009/10/15<br>08:51 |
| L7    | 5    | Vandersall.in. and<br>@py= "2002"   | US-PGPUB;<br>USPAT  | OR               | OFF     | 2009/10/15<br>08:51 |
| L8    | 1    | (carbonate with neutralize<br>with polymer with (fire\$9<br>or flame\$8)).ab. | US-PGPUB;<br>USPAT; FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR               | ON      | 2009/10/15<br>08:51 |
| L9    | 2    | carbonate with neutralize<br>with polymer with (fire\$9<br>or flame\$8)       | US-PGPUB;<br>USPAT; FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR               | ON      | 2009/10/15<br>08:51 |
| L10   | 10   | carbonate same neutralize<br>same polymer same (fire<br>\$9 or flame\$8)      | US-PGPUB;<br>USPAT; FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR               | ON      | 2009/10/15<br>08:51 |
| L11   | 108  | (carbonate same<br>neutralize same polymer)<br>and (fire\$9 or flame\$8)      | US-PGPUB;<br>USPAT; FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR               | ON      | 2009/10/15<br>08:51 |
| L12   | 12   | "5397626"   | US-PGPUB;<br>USPAT; FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR               | ON      | 2009/10/15<br>08:51 |

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| L13 | 10    | L12 and neutral\$8  | US-PGPUB;<br>USPAT; FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2009/10/15<br>08:51 |
| L14 | 9     | L12 and neutral\$8 and<br>\$8carbonate  | US-PGPUB;<br>USPAT; FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2009/10/15<br>08:51 |
| L15 | 211   | (calcium adj carbonate)<br>and superabsorbent and<br>(fire\$8 or flame\$8)  | US-PGPUB;<br>USPAT; FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2009/10/15<br>08:51 |
| L16 | 14    | (calcium adj carbonate)<br>and superabsorbent and<br>(fire\$8 or flame\$8).ab.  | US-PGPUB;<br>USPAT; FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2009/10/15<br>08:51 |
| L17 | 14    | ((calcium adj carbonate)<br>or (ca203)) and<br>superabsorbent and (fire\$8<br>or flame\$8).ab.                          | US-PGPUB;<br>USPAT; FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2009/10/15<br>08:51 |
| L18 | 211   | ((calcium adj carbonate)<br>or (ca203)) and<br>superabsorbent and (fire\$8<br>or flame\$8)                              | US-PGPUB;<br>USPAT; FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2009/10/15<br>08:51 |
| L19 | 60    | ((calcium adj carbonate)<br>or (ca203)) and<br>superabsorbent and (fire\$8<br>or flame\$8) and (organic<br>adj solvent) | US-PGPUB;<br>USPAT; FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2009/10/15<br>08:51 |
| L20 | 38    | "5294664"   | US-PGPUB;<br>USPAT; FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2009/10/15<br>08:51 |
| L21 | 38232 | polyethyleneimine or<br>(polyethylene adj imine) or<br>polyethylenimine   | US-PGPUB;<br>USPAT; FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2009/10/15<br>08:51 |
| L22 | 48    | (polyethyleneimine or<br>(polyethylene adj imine) or<br>polyethylenimine) with fire<br>\$7                              | US-PGPUB;<br>USPAT; FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2009/10/15<br>08:51 |

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| L23 | 3       | (polyethyleneimine or (polyethylene adj imine) or polyethylenimine) with fire \$7 with (super\$12 or "SAP")  | US-PGPUB;<br>USPAT; FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON  | 2009/10/15<br>08:51 |
| L24 | 13      | (US-20020013403-\$ or US-20020014610-\$).did. or (US-5849210-\$ or US-5190110-\$ or US-3354084-\$ or US-2810716-\$ or US-5338349-\$ or US-5817713-\$ or US-5294664-\$).did. or (FR-2650285-\$ or GB-2226033-\$ or US-20020013403-\$ or US-5294664-\$).did.                   | US-PGPUB;<br>USPAT;<br>DERWENT                                | OR | OFF | 2009/10/15<br>08:51 |
| L25 | 6       | ((US-20020013403-\$ or US-20020014610-\$).did. or (US-5849210-\$ or US-5190110-\$ or US-3354084-\$ or US-2810716-\$ or US-5338349-\$ or US-5817713-\$ or US-5294664-\$).did. or (FR-2650285-\$ or GB-2226033-\$ or US-20020013403-\$ or US-5294664-\$).did.) and emulsion\$5 | US-PGPUB;<br>USPAT;<br>DERWENT                                | OR | OFF | 2009/10/15<br>08:51 |
| L26 | 13      | (US-20020013403-\$ or US-20020014610-\$).did. or (US-5849210-\$ or US-5190110-\$ or US-3354084-\$ or US-2810716-\$ or US-5338349-\$ or US-5817713-\$ or US-5294664-\$).did. or (FR-2650285-\$ or GB-2226033-\$ or US-20020013403-\$ or US-5294664-\$).did.                   | US-PGPUB;<br>USPAT;<br>DERWENT                                | OR | ON  | 2009/10/15<br>08:51 |
| L27 | 1083660 | calcium carbonate  | US-PGPUB;<br>USPAT; FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON  | 2009/10/15<br>08:51 |
| L28 | 6       | L26 and ((calcium adj carbonate) or (calcium with carbonate))  | US-PGPUB;<br>USPAT; FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON  | 2009/10/15<br>08:51 |
| L29 | 8       | "5849210" and (dye or dying or color\$7)   | US-PGPUB;<br>USPAT; FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON  | 2009/10/15<br>08:51 |

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| L30 | 12   | "5397626"  | US-PGPUB;<br>USPAT; FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2009/10/15<br>08:51 |
| L31 | 1712 | ("252".clas. or 524/547.<br>ccls.) and (fire\$8 or flame<br>\$8) and ((calcium with<br>carbonate) or<br>polyethylenimine)  | US-PGPUB;<br>USPAT; FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2009/10/15<br>08:55 |
| L32 | 699  | ("252".clas. or 524/547.<br>ccls.) and (fire\$8 or flame<br>\$8) and ((calcium with<br>carbonate) or<br>polyethylenimine) and<br>(super\$9 or (swellable with<br>water))   | US-PGPUB;<br>USPAT; FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2009/10/15<br>08:56 |
| L33 | 497  | ("252".clas. or 524/547.<br>ccls.) and (fire\$8 or flame<br>\$8) and ((calcium with<br>carbonate) or<br>polyethylenimine) and<br>(super\$9 or (swellable with<br>water)) and (dye or color<br>\$9 or pigment or opaci\$9)  | US-PGPUB;<br>USPAT; FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2009/10/15<br>08:57 |
| L34 | 433  | ("252".clas. or 524/547.<br>ccls.) and (fire\$8 or flame<br>\$8) and ((calcium with<br>carbonate) or<br>polyethylenimine) and<br>(super\$9 or (swellable with<br>water)) and (dye or color<br>\$9 or pigment or opaci\$9)<br>and polymer\$8  | US-PGPUB;<br>USPAT; FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2009/10/15<br>08:58 |
| L35 | 267  | ("252".clas. or 524/547.<br>ccls.) and ((fire\$8 or flame<br>\$8) with (suppress or<br>extinguish or combust\$9<br>or retard\$8 or \$9fighting))<br>and ((calcium with<br>carbonate) or<br>polyethylenimine) and<br>(super\$9 or (swellable with<br>water)) and (dye or color<br>\$9 or pigment or opaci\$9)<br>and polymer\$8 | US-PGPUB;<br>USPAT; FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2009/10/15<br>09:00 |

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| L36 | 273 | ("252".clas. or 524/547. ccls.) and ((fire\$8 or flame \$8) with (suppress or extinguish or combust\$9 or retard\$8 or \$9fighting)) and ((calcium with carbonate) or polyethylenimine) and (super\$9 or ((swellable or swelling) with water)) and (dye or color\$9 or pigment or opaci\$9) and polymer\$8                          | US-PGPUB;<br>USPAT; FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2009/10/15<br>09:00 |
| L37 | 185 | ("252".clas. or 524/547. ccls.) and ((fire\$8 or flame \$8) with (suppress or extinguish or combust\$9 or retard\$8 or \$9fighting)) and ((calcium with carbonate) or polyethylenimine) and (super\$9 or ((swellable or swelling) with water)) and (dye or color\$9 or pigment or opaci\$9) and polymer\$8 and @ay<"2004"           | US-PGPUB;<br>USPAT; FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2009/10/15<br>09:01 |
| L38 | 168 | ("252".clas. or 524/547. ccls.) and ((fire\$8 or flame \$8) with (suppress or extinguish or combust\$9 or retard\$8 or \$9fighting)) and ((calcium with carbonate) or polyethylenimine) and (super\$9 or ((swellable or swelling) with water)) and (dye or color\$9 or pigment or opaci\$9) and polymer\$8 and @ay<"2004" and water | US-PGPUB;<br>USPAT; FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2009/10/15<br>09:03 |
| L39 | 249 | ("252".clas. or 524/547. ccls.) and ((fire\$8 or flame \$8) with (suppress or extinguish or combust\$9 or retard\$8 or \$9fighting)) and ((calcium with carbonate) or polyethylenimine) and (super\$9 or ((swellable or swelling) with water)) and (dye or color\$9 or pigment or opaci\$9) and polymer\$8 and water                | US-PGPUB;<br>USPAT; FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2009/10/15<br>09:10 |

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